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L3: Entry 10 of 10

File: DWPI

Jun 27, 1989

DERWENT-ACC-NO: 1989-225640

DERWENT-WEEK: 198931

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TITLE: Multilayer suppository - comprises horizontally laminated oil-based layers with at least one layer contg. viscosity increasing agent

PATENT-ASSIGNEE:

ASSIGNEE

CODE

KAO CORP

KAOS

PRIORITY-DATA: 1987JP-0323279 (December 21, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 01163118 A	June 27, 1989		007	
JP 94084296 B2	October 26, 1994		006	A61K009/02

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 01163118A	December 21, 1987	1987JP-0323279	
JP 94084296B2	December 21, 1987	1987JP-0323279	
JP 94084296B2		JP 1163118	Based on

INT-CL (IPC): A61K 9/02

ABSTRACTED-PUB-NO: JP 01163118A

BASIC-ABSTRACT:

In a multilayer suppository which comprises horizontally laminated layers composed of an oil base which is solid at ordinary temp.; the improvement is that the viscosity of at least one of the two adjacent layers at 40 deg.C, which may be pref. adjusted with a viscosity-increasing agent, is 1000-1000000 cp (pref., 10000-1000000cp).

Each oil base (e.g., cacao butter, lanolin, 'Witepsol' (RTM), etc.) is melted by heating and the viscosity enhanced by adding 1-50 wt.% (pref., 5-10 wt.%) of viscosity-increasing agent (e.g., light silicic anhydride, aluminium, calcium, barium or magnesium salt of stearic acid, etc.). Oil bases are successively filled into suppository containers at above the m.pt. and cooled to solidify. 0.1-90 wt.% (pref. 10-80 wt.%) of swelling agent (e.g. sodium alginate, CMC-Na, CMC) may be added.

USE/ADVANTAGE - In a storage test, each layer is immiscible from the other and a drug contained in one layer is not transported to the others. This suppository gives sustained drug release and remains at the lower part of the rectum for a long period.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: MULTILAYER SUPPOSITORY COMPRISE HORIZONTAL LAMINATE OIL BASED LAYER ONE

LAYER CONTAIN VISCOSITY INCREASE AGENT

DERWENT-CLASS: A96 B07

CPI-CODES: A12-V01; B01-B02; B04-B01C; B12-M08; B12-M10A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M903 R037 R045 R052 V780

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *03*

Fragmentation Code

A313 A960 C710 J0 J011 J1 J171 M225 M231 M262

M281 M320 M411 M431 M510 M520 M530 M540 M620 M630

M782 M903 M904 M910 R037 R045 R052

Specific Compounds

01432M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *04*

Fragmentation Code

A220 A960 C710 J0 J011 J1 J171 M225 M231 M262

M281 M320 M411 M431 M510 M520 M530 M540 M620 M630

M782 M903 M904 M910 R037 R045 R052

Specific Compounds

01563M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *05*

Fragmentation Code

J0 J011 J1 J171 M225 M231 M262 M281 M320 M416

M431 M620 M630 M782 M903 M904 M910 R037 R045 R052

Specific Compounds

05032M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *06*

Fragmentation Code

A212 A960 C710 J0 J011 J1 J171 M225 M231 M262

M281 M320 M411 M431 M510 M520 M530 M540 M620 M630

M782 M903 M904 M910 R037 R045 R052

Specific Compounds

01376M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M5 *02*

Fragmentation Code

M431 M782 M903 M904 R037 R045 R052 S001 S004 S030

S132 S133 S134 S142 S217 S311 S317 S511 S517 S603

S620 S721 S730 S735 S736 U520

Specific Compounds

10386M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M6 *07*

Fragmentation Code

M903 R037 R045 R052 R111 R150
Registry Numbers
1704X 1724X 1711X 1714X 89290

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0122U; 1376U ; 1432U ; 1563U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0044 0231 3198 1989 2001 2766

Multipunch Codes: 014 04- 06- 09- 230 231 24- 240 252 259 52& 525 645

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-100437